

AMENDMENTS TO THE SPECIFICATION

Please replace the paragraph beginning on page 1, line 12 and ending on page 2, line 3, with the following rewritten paragraph:

In packet networks such as the Internet, typically, two logical ports exist when a channel is set to achieve communication between two locations. That is, a real time protocol (RTP) packet, which has been packetized ~~by~~ according to a request for comments (RFC) protocol via the Internet network, is transmitted via the hierarchical structure of a real time protocol/user datagram protocol/Internet protocol (RTP/UDP/IP) or a real time protocol/transmission control protocol/Internet protocol (RTP/TCP/IP).

Please replace the paragraph beginning on page 2, line 18 and ending on page 3, line 8, with the following rewritten paragraph:

FIG. 2 is a view illustrating an embodiment of a typical communication method of transceiving data between a server and a client. First, a server 200 reads a video bit stream produced by a video source codec to divide the read video bit stream into a high priority bit stream 210 and a low priority bit stream 220 before an RTP packet is produced. Next, the server 200 transmits the high priority bit stream 210 to a client 230 via an RTP/TCP/IP, as indicated by arrow \oplus 1, and receives an acknowledgment representing that transmission of the high priority bit stream 210 has been completed without error, as indicated by arrow \oplus 2. Then, the server 200 transmits the low priority bit stream 220 to the client 230 via an RTP/UDP/IP regardless of error as indicated by arrow \oplus 3. The client 230 reconstructs the high priority bit stream 210 and the low priority bit stream 220 back into the original video bit stream syntax.

Please replace the paragraph beginning on page 7, line 12 and ending on page 7, line 13, with the following rewritten paragraph:

FIG. 2 is a view illustrating a method of transceiving ~~a file~~ data between a server and a client in a communication network;

Please replace the paragraph beginning on page 7, line 16 and ending on page 7, line 17, with the following rewritten paragraph:

FIG. 4 is a block diagram of an apparatus for relaying and receiving a video stream, according to the present invention; and

Please replace the paragraph beginning on page 7, line 18 and ending on page 7, line 20, with the following rewritten paragraph:

FIG 5A is a view illustrating a method of transmitting a video bit stream in a situation where a wireless network communicates with an Internet network;

Please insert the following paragraphs after the paragraph ending on page 7, line 20:

FIG. 5B is a diagram of a video bit stream formed according to the present invention; and

FIG. 6 is a view illustrating a method of transmitting a bit stream, according to the present invention.

Please replace the paragraph beginning on page 9, line 18 and ending on page 10, line 2, with the following rewritten paragraph:

FIG. 5A is a view illustrating a method of transmitting a video bit stream in a situation where a wireless network communications with an Internet network. Referring to FIG. 5A, reference numeral 510 indicates a wireless terminal on a transmitting side including several layers, reference numeral 560 indicates a base station including several layers, reference number 570 indicates an inter working function (IWF), including several layers, and reference numeral 580 indicates an Internet terminal on a receiving side including several layers.

Please replace the paragraph beginning on page 10, line 10 and ending on page 10, line 20, with the following rewritten paragraph:

The video source codec layer 512 encodes a video source into a video bit stream using a video source coding method such as MPEG-4 or H.263 to form a payload header 532 and a video payload 534 as shown in (a) of FIG. 5B. Here, the payload header 532 and the video payload 534 can be replaced by multimedia data. Then, the RTP layer 514 forms a packet by adding a video payload 545 filled with video data, a payload header 544, and an RTP header 543, the UDP/IP or TCP/IP layer 516 adds an IP header 541 and an UDP or TCP header 542 to the formed packet, as shown in (b). The RLP layer 522 and the MAC, or L2, layer 524 add an RLP header 552 and an L2 header 551, respectively, to the packet (b) as shown in (c).

AMENDMENT UNDER 37 C.F.R. § 1.111
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Please insert the following paragraphs after the paragraph ending on page 11, line

5:

FIG. 6 is a view illustrating a method of transmitting a bit stream, according to the present invention. First, source data is coded into a bit stream 601. A header is then added from each communication protocol layer to a payload while the bit stream is transmitted to each protocol layer 602. The bit stream is next transmitted in an unacknowledged mode protocol 603 and the header information is transmitted in an acknowledged or unacknowledged mode protocol 604.